

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

3c1
1944
COTTON LITERATURE
SELECTED REFERENCES

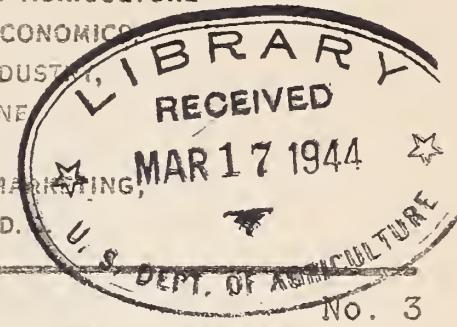
PREPARED IN THE LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

WITH THE COOPERATION OF THE BUREAU OF AGRICULTURAL ECONOMICS

AGRICULTURAL MARKETING SERVICE, BUREAU OF PLANT INDUSTRY,

AND BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,
BUREAU OF AGRICULTURAL ECONOMICS, WASHINGTON, D. C.



Vol. 10

March, 1940

CONTENTS

| | |
|--|-----|
| Production..... | 123 |
| Botany..... | 123 |
| Genetics and Plant Breeding..... | 124 |
| Agronomy..... | 125 |
| Diseases..... | 128 |
| Insects..... | 130 |
| Farm Engineering..... | 132 |
| Farm Management..... | 132 |
| Farm Social Problems..... | 133 |
| Cooperation in Production (One-Variety Communities)..... | 134 |
| Preparation..... | 134 |
| Ginning..... | 134 |
| Baling..... | 134 |
| Marketing..... | 134 |
| General | 134 |
| Demand and Competition..... | 135 |
| Supply and Movement..... | 142 |
| Prices..... | 147 |
| Marketing and Handling Methods and Practices..... | 149 |
| Marketing Services and Facilities..... | 150 |
| Marketing Costs..... | 152 |
| Cooperation in Marketing..... | 152 |
| Utilization..... | 153 |
| Fiber, Yarn and Fabric Quality..... | 153 |
| Technology of Manufacture..... | 158 |
| Technology of Consumption..... | 159 |
| Cottonseed and Cottonseed Products..... | 161 |
| Legislation, Regulation, and Adjudication..... | 165 |
| Legislation..... | 165 |
| Regulation..... | 167 |
| Adjudication..... | 171 |
| Miscellaneous--General..... | 171 |

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

662. Phillis, E., and Mason, T. G. Further studies on transport in the cotton plant. VII. Simultaneous changes in the production and distribution of dry matter under varying potassium supply. *Ann. Bot. (n. s.)* 3(12): 889-899. Oct. 1939. (Published by Humphrey Milford, Oxford University Press, Amen House, Warwick Square, London, E. C. 4, England) 450 An7
Literature cited, p. 899.

"Experiments on variation of K, N and P as supplied to the cotton plant show an intimate relationship between changes in dry weight and in the distribution index (rest of plant/leaf lamina) over a wide range of potassium supply. The correlation holds under both conditions of potassium starvation and excess, and in sand-culture experiments is nearly perfect. This does not appear to be the case for nitrogen, where large changes in dry weight were not accompanied by any significant changes in the distribution index. There is some suggestion that the production and distribution of dry materials are both affected by phosphorus, but the correlations are much smaller than for potassium. The intimate relationship under varying potassium supply which is suggested by the correlation coefficients between dry weight and the distribution index is reinforced by the close agreement between the patterns of the curves for the production of dry matter and its distribution. The correlation is interpreted as being due to the existence of a quantitative relation under varying potassium supply between the rate of photosynthesis and the rate at which materials are exported from the assimilating cells to the phloem of the leaf. It is suggested therefore that potassium controls the rate of photosynthesis by altering the rate at which carbon dioxide diffuses to the chloroplasts and the rate of sugar export from the chloroplast to the phloem. - C. - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 19(23): 693. Dec. 15, 1939.

663. Schropp, W., and Arenz, B. Über die wirkung einiger spurenelemente, insbesondere des bors, auf das wachstum verschiedener baumwollsorten. *Phytopathologische Zeitschrift* 12(4): 366-404. 1939. (Published by Verlag Von Paul Parey, Berlin, Germany) 464.8 P562

References, pp. 403-404.

Concerning the effect of some trace elements, especially boron, on the growth of cotton of different varieties.

Genetics and Plant Breeding

664. Beasley, J. O. The production of polyploids in *Gossypium*. *Jour. Hered.* 31(1): 39-48. Jan. 1940. (Published by American Genetic Association, Victor Bldg., Washington, D. C.) 442.8 Am3

Literature cited, p. 48.

665. Chi Pao Yu. The inheritance and linkage relations of curly leaf and virescent bud, two mutants in Asiatic cotton. *Jour. Genetics* 39(1): 69-77. Nov. 1939. (Published by Cambridge University Press, Bentley House, 200 Euston Road, London, N. W. 1, England) 442.8 J823

References, pp. 76-77.

666. Chi Pao Yu. The inheritance and linkage relations of yellow seedling, a lethal gene in Asiatic cotton. *Jour. Genetics* 39(1): 61-68. Nov. 1939. (Published by Cambridge University Press, Bentley House, 200 Euston Road, London, N. W. 1, England) 442.8 J823

References, p. 68.

667. Stephens, S. G. Colchicine treatment as a means of inducing polyploidy in cotton. *Trop. Agr. [Trinidad]* 17(2): 23-25. Feb. 1940. (Published by Imperial College of Tropical Agriculture, Trinidad, British West Indies) 26 T754

References, p. 25.

"Induced polyploidy also offers possibilities of breaking down fertility barriers between species, and perhaps of extending the range of variability available to plant breeder and geneticist."

See also Items nos. 917, 920, 936.

Agronomy

668. Algo más sobre la mala calidad de la semilla para la siembra, de la presente campaña. *Gaceta Algodonera* 16(191): 16-17. Dec. 31, 1939. (Published at Reconquist 331, Buenos Aires, Argentina) 72.8 G11
 Something more concerning the bad quality of the seed for sowing, of the present season.

669. Allred, Charles E., and Raskopf, Benjamin D. Cotton fertilizer practices in Tennessee. *Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Monog.* 98, 30pp., processed. Knoxville, 1939. 173.2 W89Co
 Bibliography, pp. 26-27.

670. Bal, D. V. The use of nitrogenous fertilisers for cotton grown on black soils. *Congrès International des Engrais Chimiques*, Rome, October 1938, *Rapports Nationaux II-I* (113), 5pp. 57.09 C76001R 1st, 1938.
 "Results of various manurial experiments generally show that there is definite need for nitrogenous fertilizers for cotton grown on black soils in India, and in certain tracts, applications of nitrogen in combination with phosphoric acid are required, in order to obtain the full effect of nitrogenous fertilizers. Their effect is also intensified when used in conjunction with bulky organic manures." - *Internat'l. Inst. Agr., Bibliog. Trop. Agr.* (1938): 49-50.

671. Bigger cotton yields. *Farmer-Stockman* 53(2): 32. Jan. 15, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
 Editorial urging increased yields for the southwest.

672. Bruno, E., and De Leo, A. *Ricerche su nuove varietà di cotone*. Palermo R. Istituto Botanico Lavori 10: 27-64. 1939. (Published by Tipografia Nazionale, Via Emerico Amari 62, Palermo, Italy)
 Bibliography, p. 64.
 Research on new varieties of cotton.

673. Copeland, O. B. Gordon's bale-per-acre farmers. Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(2): 8. Feb. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G
 Experiences of seven farmers in Gordon County, Ga. are reported.

674. Cottonseed treatment. Calif. Cult. 87(4): 109. Feb. 24, 1940. (Published at 317 Central Ave., Los Angeles, Calif.) 6 C12
 "In recent years growers have been able to secure better stands of cotton and more profitable yields by treating the seed with Ceresan."

675. Delint planting seed with sulphuric acid. Cotton Digest 12(18): 7. Feb. 3, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 Advantages are noted.

676. Dorman, Clarence. Agricultural research for Mississippi farmers. Miss. Agr. Expt. Sta. Spec. Bul., 20pp. State College, 1939.
 Mississippi's average yield of cotton per acre doubled in 1937, nearly doubled other years, pp. 5-7.

677. Estado de los cultivos algodoneros en el país. Gaceta Algodonera 16(191): 1-2. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 State of cotton cultivation in this country (Argentina).

678. Fertilizer and cotton. Amer. Fert. 92(3): 26. Feb. 3, 1940. (Published by Ware Bros. Co., 1330 Vine St., Philadelphia, Pa.) 57.8 Am3
 Statistics on the quantity of fertilizer used on cotton in 1939 are given.

679. Friend, W. H. Starting the 1940 cotton crop. Tex. Citric. and Farming 16(8): 5. Feb. 1940. (Published by E. C. Watson Publishing Co., 210 East Van Buren St., Harlingen, Tex.) 80 T31
 Advice for farmers in the Rio Grande Valley of Texas.

680. Gamarra Dulanto, Luis. Experimentos sobre fertilización del algodonero. Compañia Administra-

dora del Guano Boletin 15(12): 482-502. Dec. 1939. (Published at Zarate 455, Apartado 2147, Lima, Peru) 57.9 C73B
 Experiments on fertilizing the cotton plant.

681. India. Central provinces and Berar. Department of agriculture. Annual report on experimental farms Nagpur, Akola, Adhartal, Chhindwara, Powarkhera, Raipur, and Tharsa, for the year ending the 31st March 1938. 116pp. Nagpur, Govt. printing, 1939. 107.5 N13E
 Experiments in cultivation of cotton as well as other crops are described.

682. Kreibohm de la Vega, G. A. La contribución de Tucumán en el fomento del cultivo algodonero. Tucumán. Estación Experimental Agrícola. Revista Industrial y Agrícola 29(4-6): 95-98. Apr.-June 1939. (Published in Tucumán, Argentina) 9 T79
 The contribution of Tucumán in the encouragement of cotton cultivation.

683. Kreibohm de la Vega, G. A. La cosecha del algodón. Tucumán. Estación Experimental Agrícola. Revista Industrial y Agrícola 29(4-6): 119-121. Apr.-June 1939. (Published in Tucumán, Argentina) 9 T79
 Cotton harvesting.

684. Kreibohm de la Vega, G. A. Estación experimental agrícola de Tucumán, sección experimentación y fomento del algodón. Labores culturales del algodón. Gaceta Algodonera 16(191): 23-24. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 Tucumán Agricultural Experiment Station, Section of experimentation and encouragement of cotton. Cultural work with cotton.

685. Kreibohm de la Vega, G. A. Generalidades sobre siembras de algodón. Gaceta Algodonera 16(190): 17-18. Nov. 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 Generalities on sowing cotton.

686. Nisikawa, Goro. Comparison between American upland and Asiatic varieties of cotton as regards the germination of seeds at low tempera-

tures. *Crop Sci. Soc. Japan, Proc.* 11(3): 416-424. Dec, 1939. (Published by the Faculty of Agriculture, Tokyo Imperial University, Tokyo, Japan) J 22.5 088

References, pp. 423-424.

In Japanese.

687. Smalley, H. R., Engle, Robert H., and Willett, Herbert. American fertilizer practices (second survey). A report relating to the use of commercial plant food presenting information obtained by a survey among 32,000 farmers in 35 states. 128pp. Washington, National fertilizer association, 1939.

Includes use of fertilizer in cotton culture.

688. Tanganyika territory. Department of agriculture.

Annual report, 1938. 61pp. Dar Es Salaam, Govt. printer, 1939. 24 T15

Partial contents: Cotton production, pp. 23-25; Kahe cotton trial plot, p. 46.

689. Tidmore, J. W. Cotton fertilizers for 1940.

Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(2): 10. Feb. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G

Table shows fertilizer used on experimental plots in Alabama.

690. Varieties of cotton recommended. *Cotton Ginner's Jour.* 11(5): 5-6. Feb. 1940. (Published by Texas Cotton Ginner's Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

Varieties recommended for Texas by Statewide Cotton Committee of Texas are listed by areas.

See also Items nos. 662, 760, 763, 764, 766, 771, 773, 775, 779, 780, 787, 815, 816, 892, 905, 907, 912, 914, 917, 920, 924, 929, 931, 932, 935, 936.

Diseases

691. Dastur, Jehangir Fardunji. Stem breaking of cotton. *Agr. and Live-stock in India* 9(6): 685-687. Nov. 1939. (Published by the Manager of Publications, Delhi, India) 22 Ag83A

"A stem-breaking disease of cotton is described. It occurred in an epidemic form in Majrod Khurd village, Nimar district, Central

Provinces. The direct cause of the disease seems to be the blowing of wind at a high velocity for many days together. The plants were not able to withstand this because at the time they were top-heavy due to the development of a luxurious foliage resulting from early sowing in highly manured fields." - Summary.

692. Neal, David C., and Gilbert, W. W. *Algunas enfermedades del algodón y maneras de combatirlas.* La Hacienda 35(2): 59-62. Feb. 1940. (Published at 20 Vesey St., New York, N. Y.) 6 H11
To be continued.
Some diseases of cotton and methods of combatting them.

693. Watkins, G. M., and Watkins, M. O. The pathogenic action of *Phymatotrichum omnivorum*. Science 90(2338): 374, 375. Oct. 20, 1939. (Published at Grand Central Terminal, New York, N. Y.) 470 Sci2
"Pure cultures of the root rot fungus were maintained in successive transfers on roots of living cotton seedlings. A fragment of infected root placed against the root of a healthy seedling, usually caused, within a few hours, shrinking and discoloring of the uninfected tissues, followed by the formation of an enveloping and penetrating hyphal weft, which then produced soft cortical decay. Drops of liquid squeezed from unheated, decayed roots and placed on healthy roots frequently imparted a water-soaked appearance to the host tissue which after 24 hr. began to shrink and turn yellow to light brown, forming sunken, necrotic, usually girdling cortical areas. Tissue destruction, however, did not appear to extend beyond the endodermis, and abundant cell division in the pericycle initiated the formation of lateral roots. Liquid expressed from heated decayed roots usually produced only a slightly discolored spot with no considerable shrinkage or disruption of tissue. Unheated and heated liquid expressed from germinating sclerotia gave results closely parallel to those obtained with heated and unheated root extracts. The chemical action found is of interest in connection with biochemical studies of the basis of resistance to *P. omnivorum* in certain plants." - Expt. Sta. Rec. 82(2): 206. Feb. 1940.

See also Items nos. 920, 932, 936.

Insects

694. Aid fight on pink boll worm, is plea of N. O. exchange. Resolution outlines nature of menace and calls for Washington action. Cotton Trade Jour. 20(8): 3. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The text of the resolution is given.

695. Ba Te, A. Cotton-pests in Burma. Burma. Dept. Agr. Bul. 8, rev., 35pp. Rangoon, 1939. Twenty-two pests are described.

696. Boll weevil meeting stiff opposition on the South-eastern front. Cotton and Cotton Oil Press 41(4): 7, 10. Feb. 17, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Cotton ginners and oil millers are urged to assist in boll weevil control.

697. O combate ao pulgão do algodoeiro. Sítios e Fazendas 4(10): 18. Oct. 1939. (Published at Rua Xavier de Toledo, 46, São Paulo, Brazil) 9.2 Si8
Fighting the cotton grub.

698. Cotton foe on warpath. Growers and officials rally in San Antonio to combat sudden spread of pink bollworm. Business Week no. 543, pp. 20, 22. Jan. 27, 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York, N. Y.) 280.8 Sy8

699. Cut insect control appropriation. Cotton Digest 12(19): 8. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial on Congressional action on the pink bollworm control appropriation.

700. Hussein Enan. La lutte contre le ver du coton. Egyptian Agr. Rev. 17(8): 49-50. Aug. 1939. (Published by Ministry of Agriculture, Propaganda and Publication Section, Cairo, Egypt) 24 Eg94
The fight against the cotton worm.

701.. Insect fight begins on Georgia front. Cotton and Cotton Oil Press 41(3): 8, 20. Feb. 3, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
 Report of meetings of "cotton ginners, oil millers, county agents, farmers, and vocational teachers of Georgia last week."

702. Kreibohm de la Vega, G. A. Métodos sencillos para notar la presencia de la oruga de la hoja en un algodonal ("Alabama argillacea" Hüb.). Tucumán Estación Experimental Agrícola. Revista Industrial y Agrícola 29(4-6): 107-114. Apr.-June 1939. (Published in Tucuman, Argentina) 9 T79
 Simple methods for noting the presence of the leaf worm on a cotton plantation ("Alabama argillacea" Hüb.).

703. [Murray, L. L.] Ginners show growing interest in insect control fight. Cotton and Cotton Oil Press 41(3): 9. Feb. 3, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

704. Richardson, T. C. The cotton we don't make. Farm and Ranch 59(2): 14-15. Feb. 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
 "Texas has been paying toll to the bugs at the rate of one bale for every seven bales harvested. Let's save that eighth bale!"
 Also in Acco Press 18(2): 11-12. Feb. 1940.

705. Richardson, T. C. "Only rich farmers can afford it.". Farm and Ranch 59(1): 20-23. Jan. 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
 Cotton insect control is advocated.

706. Willcocks, F. C., and Bahgat, Said. The insect and related pests of Egypt, volume I, part 2... Insects and mites injurious to the cotton plant. 791pp. Cairo, Royal agricultural society, 1937. 423 W66 V.1, pt.2.

707. With the spring comes war. Cotton Ginners' Jour. 11(5): 10. Feb. 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
 War against insect pests is advocated.

See also Items nos. 764, 917, 920, 924, 929, 932.

Farm Engineering

708. Porter, H. G., and Saville, R. J. Tractor use in the Delta cotton area. La. Rural Econ. 1(4): 51-53. Oct. 1939. (Published by Louisiana State University Press, University, La.)

Table shows various operations performed with tractors in 1938 on 76 Louisiana Delta cotton plantations, by size of plantation.

Farm Management

709. Efferson, J. N. Factors affecting farm returns on 118 North Louisiana upland cotton farms, 1938. La. Rural Econ. 2(1): 7-9. Jan. 1940. (Published by Louisiana State University Press, University, La.)

"This report is a brief summary of a farm management study in Rapides, Union, Claiborne, and DeSoto parishes, for the 1938 crop year... conducted by the Louisiana Agricultural Experiment Station in co-operation with the Louisiana Agricultural Extension Service."

710. Efferson, J. Norman. Receipts and expenses on 118 farms, Rapides, Union, Claiborne, and DeSoto parishes, 1938. La. Rural Econ. 1(3): 40. July 1939. (Published by Louisiana State University Press, University, La.)

"This report is a brief summary of the results of a farm management study in Rapides, Union, Claiborne, and DeSoto Parishes for the 1938 crop year...conducted by the Louisiana Agricultural Experiment Station in co-operation with the Louisiana Agricultural Extension Service." Receipts from cotton are noted.

711. Elrod, J. C., and Steanson, Oscar. Farming conditions in Toombs county, Georgia. Ga. Agr. Expt. Sta. Bul. 202, 42pp. Experiment, 1939.

"The general cropping system practiced on the 139 farms included in the survey is quite typical of farming conditions throughout the county. Cotton was grown on all surveyed farms in 1935. The acreage amounted to 15.3 acres per farm and occupied 24.9 per cent of the crop land. The income from cotton is larger than from any other farm product."

712. U. S. Dept. of agriculture. Cost of producing field crops, 1938. U. S. Dept. Agr. Crops and Markets 16(12): 302-303. Dec. 1939. (Published in Washington, D. C.) 1 Ag84Wcm

Table shows costs of items entering into the cost of production of cotton, and the net cost per acre and per pound, by states and regions.

See also Item no. 927.

Farm Social Problems

713. Barton, G. T., and McNeely, J. G. Preliminary report, recent changes in farm labor organization in three Arkansas plantation counties. 49pp., processed. Fayetteville, Ark., Agr. Expt. Sta., 1939. 283 B282

In cooperation with United States Department of Agriculture.

"The most pronounced change in plantation labor organization was that occasioned by the increase in the proportion of cotton acres worked by wage hands and the decrease in the proportion of cotton acres of share croppers during the period from 1934 to 1937."

714. Hoffman, Charles S., and Bankson, Virgil L. Crisis in Missouri's boot heel. Land Policy Rev. 3(1): 1-14. Jan.-Feb. 1940. (Published by U. S. Department of agriculture, Bureau of agricultural economics, Washington, D. C.)

"The relationship between the labor requirements of the area and the labor supply is...of major interest to both the landowner and the farm laborer... The area covered by this study includes the four major cotton counties of southeastern Missouri--Dunklin, Mississippi, New Madrid, and Pemiscot--which are in the rich, level, bottom lands of the upper Mississippi Delta. The land is comparatively new, insofar as cotton production is concerned."

715. Saville, R. J. Economics of southern agricultural labor. Southwest. Social Sci. Quart. 20(2): 175-192. Sept. 1939. (Published by the Southwestern Social Science Association. May be obtained from Daniel Borth, Jr., Secretary-Treasurer, Louisiana State University, University,

La.) 280.8 So82

Subtopics: The agricultural labor supply; the demand for agricultural labor; trends in demand; trends in supply; probable influence of changes in cotton acreage and production; changes in gross income from farm production and benefit payments as an indicator of demand; trend in wages for hired labor; how were these changes influenced by size of farm?

Cooperation in Production (One-Variety Communities)

See Item no. 936.

PREPARATION

Ginning

716. Gerdes, Francis L. Cotton ginning in Yazoo-Mississippi Delta during the 1939 season. Delta Council News 1(6): 4. Feb. 21, 1940. (Published by Delta Council, Stoneville, Miss.)

See also Items nos. 703, 778, 902, 932, 934.

Baling

717. Net-weight is bad for farmer, say ginner delegates. But farmers vote 29 to 12 in favor of freedom to choose. Cotton Trade Jour. 20(7): 1, 4. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The vote on the National Cotton Council's net-weight resolution, February 14, is recorded and the discussion is noted.

See also Items nos. 870, 925, 934.

MARKETING

General

718. Narandas, Rajaram & co. World trends in raw cotton. Annual review for 1938-39. Indian Textile Jour. 50(590): 43-44. Nov. 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2

719. Revere, C. T. Cotton--what now? Com. Fert. 60 (2): 20-24, 26. Feb. 1940. (Published by Walter W. Brown Publishing Co., 223 Courtland St., N. E., Atlanta, Ga.) 57.8 C73
From New York Sun.
The present situation in the cotton industry is discussed.

720. Salto, I. Cotton prospects in 1939-40. Internatl. Inst. Agr. Monthly Crop Rpt. and Agr. Statis. 30(11): 1014S-1019S. Nov. 1939. (Published at Villa Umberto I(110), Rome, Italy) 251 In8B
"A table of the estimated world cotton consumption is given for the years 1926-27 to 1938-39. The world's production for 1939-40 is put between 6,000,000 and 6,200,000 tons, against 6,100,000 tons in 1938-39 and an average of 6,350,000 tons in the preceding five years. With the addition of a carryover of 4,800,000 tons total supplies may reach 10,800,000 to 11,000,000 tons against 11,100,000 and 11,200,000 tons in the last two years. This total includes 5,800,000 tons of American cotton, of which 2,550,000 tons is held by the Government. A consumption of 6,000,000 to 6,200,000 tons is forecast for next year with the same carry-over as in 1938-39. - C." - Brit. Cotton Indus. Res. Assoc., Summary Cur. Lit. 20(1): 1. Jan. 15, 1940.

721. U. S. Dept. of agriculture. Office of foreign agricultural relations. Brazilian cotton industry profits from wartime trade. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(6): 135-138. Feb. 10, 1940. (Published in Washington, D. C.) 1.9 St2F
The 1938-39 season is reviewed.

See also Item no. 904.

Demand and Competition

722. Americans to seek import restrictions. Cotton Digest 12(19): 12. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"Incorporation of quota restrictions upon cotton textile imports from Japan in any trade pact that may be negotiated with that country by the state department...will be sought by domestic manufacturers."

723. Amoskeag Mfg. co. liquidation yielded over \$14,000,000. Daily News Rec. no: 30, p. 8. Feb. 5, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

724. Annual fiber consumption. Rayon Orphan 11(3): 30-32. Feb. 1940. (Published by Textile Economics Bureau, Inc., 21 East 40th St., New York, N. Y.) 304.8 T3128
 Table shows consumption of cotton, wool, rayon, and silk, 1920-39 and consumption of linen, 1930-39.

725. Ashmore, William G. Want to sell South America? A potentially important but tricky market; also notes for job seekers. Textile World 90(2): 116-117. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315
 Includes information about the textile industry in South America.

726. Association of cotton textile merchants of New York. Ten years of cotton textiles--1930 to 1940. 4pp., processed. New York, 1940. 304.9 As7T
 Also in Cotton Trade Jour. 20(8): 1, 3. Feb. 24, 1940.

727. Bonnet, F., Jr. Recent developments in rayon and some of the newer manufactured textile fibers. Rayon Textile Monthly 21(2): 82-83, 108. Feb. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
 To be continued.
 Presented before the Textile Society of Canada, November 4, 1939 at Montreal, Canada.
 Also in Amer. Wool and Cotton Rptr. 54 (4, i. e. 5): 13-14, 22. Feb. 1, 1940.

728. British textile trade in 1939. Cotton goods exports show steady increase in value. Textile Weekly 25(621): 90. Jan. 26, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
 Chart shows imports of raw cotton and exports of cotton manufactures for 1938 and 1939.

729. Chile's textile industry. Textile Colorist 62(734): 86. Feb. 1940. (Published at Woolworth Bldg., 233 Broadway, New York, N. Y.) 306.8 T31

730. Clayton [W. L.] backing Hull trade pact, calls cotton export outlook bad. Cotton Trade Jour. 20(7): 1, 8. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Letter on the effect of the trade agreements on cotton exports.
 Also in Cotton Digest 12(20): 3. Feb. 17, 1940.

731. Colby, Alfred E. The current outlook for textiles. Com. & Financ. Chron. 150(3892): 494. Jan. 27, 1940. (Published by William B. Dana Co., 25 Spruce St., New York, N. Y.) 286.8 C73

732. Cotton and rayon. Amer. Wool and Cotton Rptr. 54(3): 14. Jan. 18, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
 Letter to the editor on the competition of rayon with cotton.

733. Cotton and the trade program. Tex. Weekly 16(7): 9. Feb. 17, 1940. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
 Comment on the activity of the "National Cotton Council...in the fight to extend the reciprocal trade agreements program."

734. Cotton council for reciprocal trade treaties. Cotton Trade Jour. 20(6): 1, 6. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 A statement by Oscar Johnston on the effect of the reciprocal trade agreements program on the cotton trade is quoted.

735. Cotton stamp plan to go into effect within six weeks. Experiment may show way to bolster post-war cotton textile business. Cotton Trade Jour. 20(6): 1, 7. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Also in Cotton Digest 12(19): 10. Feb. 10, 1940.

736. Cotton surplus plan. Cotton Digest 12(19): 13. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 Editorial from the Dallas News on the cotton stamp plan.

737. Cotton use data disclose excess mill operations.
 Daily News Rec. no. 40, p. 14. (Published at
 8 East 13th St., New York, N. Y.) 286.8 N48
 Comment on "the high cotton consumption
 figures just issued by the Bureau of Census."

738. Deutschlands handel mit dem Südosten und Osten geht
 weiter! Spinner und Weber 58(1-4). Jan. 5-26,
 1940. (Published in Pößneck, Germany)
 304.8 Sp41
 Germany's [textile] trade with the Southeast
 and East increases!
 Afghanistan, Jan. 5, 1940, pp. 1-2.
 China, Jan. 26, 1940, pp. 10-11.
 Japan, Jan. 12, 1940, pp. 3-4.
 Manchukuo, Jan. 19, 1940, pp. 1-2.

739. Fisher, Russell T. "No stability without control."
 Daily News Rec. no. 21, Sect. 2, p. 30. Jan.
 25, 1940. (Published at 8 East 13th St., New
 York, N. Y.) 286.8 N48
 Review of the textile industry in 1939.

740. Fostering U. S. trade in British textiles. Over-
 coming the war-time difficulties of buyers.
 Textile Weekly 25(620): 60. Jan. 19, 1940.
 (Published at 49, Deansgate, Manchester, 3,
 England) 304.8 T3127
 Methods of fostering the trade are suggested.

741. France--Textile industry settling down to war-time
 conditions. Textile Weekly 25(620): 61. Jan.
 19, 1940. (Published at 49, Deansgate, Man-
 chester, 3, England) 304.8 T3127

742. [Lewis, K. P.] Urges restrictions on Japanese
 textiles. Cotton Digest 12(20): 10. Feb. 17,
 1940. (Published at 710 Cotton Exchange Bldg.,
 Houston, Tex.) 286.82 C822

743. Market hesitant at New Orleans, longs liquidate.
 Traders recently aggressive buyers turn atten-
 tion to war situation. Cotton Trade Jour. 20
 (5): 1, 6. Feb. 5, 1940. (Published at 810
 Union St., New Orleans, La.) 72.8 C8214
 The present market situation is discussed.

744. Millowners' association, Bombay. Spinning and weaving supplement to the annual report...for the year 1938. 16pp. [Bombay, 1939] 304.9 B63
 Tables show detailed statement of the quantity (in pounds) and the counts (or numbers) of yarn spun and the quantity of woven goods manufactured, by provinces, 1936-37 to 1938-39.

745. [New York cotton exchange] World U. S. cotton use to be high. Cotton Digest 12(18): 9. Feb. 3, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

746. Rayon and staple fibre in 1940. II--The rapid progress of "fibro" in Great Britain. Textile Weekly 25(621): 93-94. Jan. 26, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

747. Stamps for cotton goods. Cotton Trade Jour. 20(6): 2. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Editorial on the announcement that "in about six weeks the stamp plan will be applied to cotton goods."

748. Stoite, Walter. Textile ersatzfasern einheimischer pflanzen, besonders als rohstoffe einfacher bündchen und gewebe. Faserforschung 14(2): 65-105. Aug. 15, 1939. (Published by S. Hirzel, Verlag, Leipzig, Germany) 73.8 F26
 Literature cited, pp. 104-105.
 Textile substitute fibers from indigenous plants, especially as raw materials for simple bands and fabrics.
 "From an economic standpoint the production of textiles from raw materials which do not have to be imported is desirable... The plants available as sources of fibre in Germany are discussed in detail, and the characteristics whereby the various fibres can be recognised are described. The cultivated plants are:--(1) straw which may be used directly for coarse materials, or may be subjected to a light chemical treatment when it yields a fibre similar to jute (stranfa fibre), (2) willow of which the roots were formerly used for plaited materials, and fibres are also obtainable from the bark after a retting process,

(3) hops from which fibres for spinning can be isolated by either biological or chemical treatment. The wild plants described are:--(1) reeds which require chemical treatment to produce spinable fibre from the leaves, and the fibre can then be used for production of cords, twines, etc., (2) broom from which the fibres can be isolated by water-retting followed by an alkaline treatment could have a wide application for clothing purposes, (3) peat exhibiting lack of uniformity and brittleness of the fibres which restrict their application. In addition to these, fabrics and cords can be made from paper yarns with or without admixture of flax or hemp to increase their strength. Their uses are enumerated, the chief disadvantage for clothing purposes being the small volume of, and lack of air space in the yarns. A scheme is drawn up for the systematic investigation of materials made from substitute fibres. The fibres are best identified by the accompanying fragments of plant material which are characteristic of their origin. The technique of preparation of specimens for the microscope is described, and a number of illustrations are given showing the characteristics of the different fibrous materials. 30 references. - L." - Textile Inst. Jour. 30(12): A754. Dec. 1939.

749. [U. S. Dept. of agriculture. Agricultural marketing service] Raw cotton needs of U. S. mills are discussed on radio program. Government seeks to meet problem growing out of lengthening staples. Cotton Trade Jour. 20(5): 1, 3. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

A survey by Fred Taylor of the quality of cotton needed by mills is noted.

Also in Cotton Digest 12(18): 10. Feb. 3, 1940; Cotton Ginner's Jour. 11(5): 11. Feb. 1940.

750. [U. S. Dept. of agriculture. Bureau of agricultural economics] Mills of Europe maintain higher rate of activity. Picture bright despite slight declines in U. S. and Central Europe. Cotton Trade Jour. 20(5): 6. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

751. U. S. Dept. of agriculture. Office of foreign agricultural relations. Japanese cotton cloth exports continue to increase. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(5): 105-108. Feb. 3, 1940. (Published in Washington, D. C.) 1.9 St2F
 Includes table showing Japanese cotton yarn production and piecegoods exports, 1936-1939.

752. U. S. Dept. of agriculture. Office of foreign agricultural relations. United States agricultural trade with Japan. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(7): 189-198. Feb. 17, 1940. (Published in Washington, D. C.) 1.9 St2F
 Tables give Japanese cotton consumption, total and American, piecegoods exports, and spindles installed and active, 1939, with comparisons, and imports of cotton by countries, averages 1926-1930 and 1931-1935, and marketing years (September-August) 1935-36 to 1938-39.

753. "Vinyon"--the new textile fiber and yarn. Its origin--its characteristic properties--outline of manufacture--uses and applications--still experimental. Rayon Textile Monthly 21(2): 74-75. Feb. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

754. [Wagemann, Ernst] Review textile and raw cotton status in southeastern Europe. German authority discusses problems in six industrializing countries. Cotton Trade Jour. 20(7): 6, 8. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

755. What mills can profit. Amer. Wool and Cotton Rptr. 54(4, i. e. 5): 1, 37-39. Feb. 1, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
 Editorial on the trend of the textile industry toward the deep South and the Southwest.

756. Wilsdon, B. H. Competitors of wool. Technical comparisons. Times [London] Trade and Engin. (n. s.) 45(908): vi. Oct. 1939. (Published by the Times Publishing Co., London, E. C. 4,

England) 286.8 T482

"A table is given showing the mechanical properties of wool, silk, cotton, and viscose, cellulose acetate, casein and Nylon fibres and the various fibres are compared. The advantages of wool are explained and it is pointed out that its competitors do not approach it in serviceability. Factors determining the 'warmth' of clothing, methods of judging fibres, the scale structure of wool and the difficulty of reproducing it in artificial fibres, and the possibility of improving wool and developing its uses are discussed. - C." - Textile Inst. Jour. 30(12): A785. Dec. 1939.

Extracts in Textile Weekly 24(607): 453-454. Oct. 20, 1939.

757. Woolf, Douglas G. Annual review and forecast section. Textiles bust out in big boom. Textile World 90(2): 79-80. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315

Chart shows total monthly consumption of all fibers, 1929-1939.

758. Woolf, Douglas G. Textiles in 1950. Textile World 90(2): 95. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

759. Wright, J. W. What kinds of cotton do mills prefer? U. S. Dept. Agr. Agr. Mktg. Serv. Mktg. Activ. 2(2): 5. Feb. 1940. (Published in Washington, D. C.)

A study by the Agricultural Marketing Service of the quality of cotton mills want, is announced.

See also Items nos. 720, 721, 781, 788, 822, 851, 882, 886, 901, 902, 912, 915, 925, 932, 933, 935.

Supply and Movement

760. Alabama. Department of agriculture and industries. Agriculture of Alabama. 160pp. Montgomery, 1938. 252.01 Ag8Ag

Production and cultivation of cotton and other crops in Alabama are described.

761. American institute of cooperation, 15th, Chicago, 1939. American cooperation, 1939. A collection of papers comprising the fifteenth summer session of the American institute of cooperation at the University of Chicago, August 7 to 11, 1939. 695pp. Washington, D. C. [1939] 280.29 Am3A 15th, 1939.

Brazil and the cotton export market, by Omer W. Herrmann, pp. 34-43.

762. CCC to exchange 66,106 bales bad cotton for better. Cotton Trade Jour. 20(8): 1. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The Commodity Credit Corporation announced today that under the cotton exchange program it had accepted proposals from 28 cotton firms to exchange an equal value of high grade cotton for 66,106 bales of lower grade Government-owned cotton."

763. Campagne cotonnière 1938--région sud. Bulletin Agricole du Congo Belge 30(2): 313-314. June 1939. (Published at Place Royale 7, Brussels, Belgium) 24 K83

Cotton season 1938--southern region. Statistics of production for the Belgian Congo by regions are given.

764. Caterson, Herbert. Rise in cotton area of 7% indicated. Planting of 26,747,000 acres seen by Fairchild publications. Plans diverge widely in various parts of belt, but greatest increases appear likely in West and North Carolina--cold winter expected to reduce insect emergence. Daily News Rec. no. 27, p. 12. Feb. 1, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

765. Cómo aumenta la producción de algodón en la Argentina. La Hacienda 35(2): 75. Feb. 1940. (Published at 20 Vesey St., New York, N. Y.) 6 H11

How cotton production increases in Argentina.

766. Cotton. Pacific Rural Press 139(2): 42-43. Jan. 27, 1940. (Published at 83 Stevenson St., San Francisco, Calif.) 6 P112

Production of cotton in California is described.

767. Cotton receipts total 4,728,946 bales--greater portion exported. Port of Corpus Christi 9(2): 31. Jan. 1940. (Published by the Nueces County Navigation Commission, Corpus Christi, Tex.)
Receipts by seasons, 1926-27 to December 31, 1939 are shown.

768. Cotton swapping plan complete, CCC ready to receive proposals. Catalogs, forms being sent out; Manget to do necessary servicing. Cotton Trade Jour. 20(5): 1, 4. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
"The Commodity Credit Corporation, on February 15 and on the first and fifteenth day of each month thereafter, will consider proposals in hand for the exchange of high quality cotton for low quality cotton owned by the CCC."

769. Cox, A. B. Cotton balance sheet. Cotton Digest 12(18): 9. Feb. 3, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The total supplies in the United States January 1, 1940, were five million bales less than last year." Table shows balance as of January 1, 1930-1940.

770. [Cox, A. B.] Cotton stocks less by 5,000,000 bales. Cotton Digest 12(19): 5. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

771. El Gobierno del Paraguay se preocupa por la intensificación del cultivo del algodón. Gaceta Algodonera 16(190): 5-6. Nov. 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The Government of Paraguay is preoccupied by the intensification of cotton cultivation.

772. Jamieson, Edward. Export subsidy is planned for coming season. Wallace and Perkins believe next season's exports will be small unless 2 cent subsidy is provided. Cotton Trade Jour. 20(5): 1, 3. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

773. Ladejinsky, T. Chosen's agriculture and its problems. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Agr. 4(2): 95-122. Feb. 1940. (Published in Washington, D. C.)
 Cotton, pp. 108-110. Table shows acreage, production, and yield of cotton in Chosen, 1910-1938.

774. Lütjohann, Carlos E. Perspectivas de la economia algodonera Argentina. Gaceta Algodonera 16(190): 21-22. Nov. 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 Outlook for the Argentine cotton economy.

775. Mahan, J. H., and Saville, R. J. Have farmers adjusted crop acreages correctly. La. Rural Econ. 1(3): 28-31. July 1939. (Published by the Louisiana State University Press, University, La.)
 The author uses cotton to show how the acreage of a strictly commercial crop has been adjusted to price over a period of years.

776. [Manchester cotton association] Freight for cotton to be shipped to the United Kingdom from the United States of America. Cotton [Manchester] 45(2195): 2. Jan. 20, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England) 304.8 C826
 "Space will be available for 100,000 bales of Cotton in British ships sailing from United States ports during February" and monthly thereafter.

777. [National city bank] War minor factor in cotton exports thus far, is view. Economic situation sharply different from that of 1914, says Bank. Cotton Trade Jour. 20(6): 6. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

778. North Carolina ginners can help put 200,000 acres in cotton. Cotton and Cotton Oil Press 41(3): 12. Feb. 3, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
 "Farmers in North Carolina last year failed to plant their full quota of cotton by approximately 200,000 acres." It is suggested that ginners urge that the full quota be planted.

779. La produc. de algodón 1938-1939 ascendió a 70.891 ton, cosechadas en 340.247 hect. Gaceta Algodonera 16(191): 5-6. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The production of cotton 1938-1939 increased to 70,891 tons harvested on 340,247 hectares.

780. Sea island cotton. Amer. Wool and Cotton Pptr. 54(3): 36-37. Jan. 18, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Editorial on trends in quality of sea island cotton grown in India and production of sea island cotton in the United States.

781. Skliar, Robert. Downward trend in United States raw cotton exports reversed in 1939. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 6, p. 146. Feb. 10, 1940. (Published in Washington, D. C.) 157 C76D

782. Subsidy cost called 41,000,000 dollars. Cotton Digest 12(19): 4. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"The cost of the current export subsidy program has aggregated approximately \$41,000,000."

783. Subsidy suspension is announced, funds all but exhausted. Cotton Trade Jour. 20(5): 1. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The cotton export subsidy program was suspended Tuesday except for cotton products, the Department of Agriculture" announced.

784. U. S. A. cotton subsidy ended. Textile Weekly 25(623): 151. Feb. 9, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

Editorial calling the subsidy "one of the most glaring examples of Government interference with the normal workings of supply and demand ever witnessed in any commodity of international status such as cotton is, which modern commerce has ever experienced."

785. U. S. Dept. of agriculture. Agricultural marketing service. British cotton quota 100,000 bales monthly. U. S. Dept. Agr. Agr. Mktg. Serv. Mktg. Activ. 2(2): 6. Feb. 1940. (Published in Washington, D. C.)

"This Government has been informed that, effective February 1, British ships sailing from United States ports would be allotted space for 100,000 bales of American cotton monthly, but that this quota would not apply to cotton contracts made prior to January 4, 1940, for which freight already has been booked in neutral ships. The quota of 100,000 bales will remain in effect through September 1940." - Entire item.

786. U. S. Dept. of agriculture. Office of foreign agricultural relations. Chinese cotton mills more dependent on imported cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(8): 213-214. Feb. 24, 1940. (Published in Washington, D. C.) 1.9 St2F

787. What makes cotton value? Farmer-Stockman 53(3): 64. Feb. 1, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45

Editorial concluding that "we wish the cotton trade would agree on what makes for value in cotton so that we would know exactly what kind of staple to produce."

See also Items nos. 677, 688, 720, 721, 728, 730, 752, 802, 815, 816, 874, 883, 886, 889, 893, 894, 895, 898, 899, 905, 912, 929, 930, 931, 932, 935.

Prices

788. Better cotton prices. Tex. Citric. and Farming 16 (8): 15. Feb. 1940. (Published by E. C. Watson Publishing Co., 210 East Van Buren St., Harlingen, Tex.) 80 T31

"An upward swing in the demand for cotton has caused a marked rise in prices within the last two months. This is attributed largely to increased buying power in the United States, which has lifted domestic mill consumption to a high level, and to greater export requirements."

789. Estado de La Plaza. Fibra de algodón. Gaceta Algodonera 16(191): 25-26. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 State of La Plaza. Cotton fiber.
 Includes prices.

790. Futures prices range is narrow, war big factor. Inactivity of Congress and uncertainties of domestic politics noted. Cotton Trade Jour. 20(8): 1, 3. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 The price situation is discussed.

791. [Garrard, W. M.] Cotton growers of Delta advised to hold equities. Daily News Rec. no. 40, p. 13. Feb. 16, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 The author discusses the effect on prices of the trading in equities on 1938 loan cotton.

792. N. Y.-Bombay adjustments big item in futures. Swings in parities on Indian and American cottons draw much attention. Cotton Trade Jour. 20(7): 1, 8. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

793. New York cotton exchange. Some facts of interest in connection with trading on the New York cotton exchange. 15pp. New York [Feb. 15, 1938] 287 [Ne]
 Relates mainly to method of arriving at price quotations.

794. [Textile weekly] Annual price index numbers. Textile commodities below average for eight months; top 1938 for full year and finish booming. Textile Weekly 25(620): 62-63. Jan. 19, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
 Tables give index numbers of prices of raw cotton, yarn and piece goods, 1913-39.

795. U. S. Dept. of agriculture. Average prices received by farmers, U. S. 1929-39--Cottonseed--Cotton. U. S. Dept. Agr. Crops and Markets 16(12): 299. Dec. 1939. (Published in Washington, D. C.) 1 Ag847cm
 Tables.

See also Items nos. 721, 775, 799, 873, 874, 885, 891, 901, 912, 927, 931, 935.

Marketing and Handling Methods and Practices

796. Duvel says five qualities on one contract enough.

Cotton Trade Jour. 20(5): 1, 8. Feb. 3, 1940.
(Published at 810 Union St., New Orleans, La.)

72.8 C8214

"The Commodities Exchange Administration, it was revealed this week when the House Appropriations Committee hearings on the Department of Agriculture Supply Bill were made public, has been giving consideration to the idea of asking the futures exchanges to establish a rule under which not more than five qualities of cotton could be delivered in settlement of any one contract."

797. Gelles, Bernard. Prudent hedging seen as determining factor. Daily News Rec. no. 21, Sect. 2, p. 22. Jan. 25, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Problems in hedging for the cotton buyer in the textile industry are noted.

798. Gordon, J. B. Seven guides to cotton buying.

An asset not in the balance sheet is competent purchasing of raw material--an expert discusses intricacies of "call cotton." Daily News Rec. no. 21, Sect. 2, pp. 20, 29. Jan. 25, 1940.
(Published at 8 East 13th St., New York, N. Y.) 286.8 N48

799. Malott, Deane W. Does futures trading influence prices? Harvard Business Rev. 18(2): 177-190. Winter 1940. (Published by McGraw-Hill Book Co., Inc., 330 West 42nd St., New York, N. Y.) 280.8 H262

"The evidence here presented shows that the organized futures exchanges do not cause any dislocation of prices and that prices for commodities in which there is futures trading do not vary from the fluctuations common to other agricultural products." Cotton was one of the commodities studied.

800. Texas cotton association. Trade rules...twenty-eighth edition (effective July 1, 1939). 24pp.
[Waco, Tex.? 1939]

801. U. S. Dept. of agriculture. Commodity exchange administration. Glossary of futures trading terms. U. S. Dept. Agr. Commodity Exch. Admin. [Pub.] 20, 20pp., processed. Washington, 1939. 1.9 C73C

"This is not a definitive glossary. The definitions given are not intended to state or to suggest the correct legal significance or meaning of any word or term. Their purpose primarily is to promote a better understanding of the nature of futures trading and of commodity-exchange practices by providing a list of terms commonly occurring in the commodity trade, together with such definitions as are believed to convey a general and fairly accurate idea of meaning. These should be considered as tentative and incomplete."

See also Items nos. 917, 925.

Marketing Services and Facilities

802. La Cámara de comercio e industria del Chaco apoya una gestión iniciada por la Junta nacional del algodón para la obtención de bodegas para la exportación de 10.000 toneladas de algodón. Gaceta Algodonera 16(191): 4. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The Council of Commerce and Industry of the Chaco favors steps taken by the National Cotton Board to obtain shipping for the exportation of 10,000 tons of cotton.

803. En presidencia Roque Saenz Peña, se instalará en breve, una oficina de clasificaciones de fibra de algodón. Gaceta Algodonera 16(191): 12. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

In the presidency Roque Saenz Peña, will be installed shortly, an office of cotton fiber classification.

804. Lütjohann, Carlos E. El Mercado de algodón de Buenos Aires. Gaceta Algodonera 16(191): 13-14. Dec. 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The Mercado de Algodon de Buenos Aires is described.

805. Repay farmers their '37 loan "losses," plan.
 Cotton Trade Jour. 20(6): 1, 8. Feb. 10, 1940.
 (Published at 810 Union St., New Orleans, La.)
 72.8 C8214

"Refunds will be made to producers of any amount by which the market value of their 1937 loan cotton on September 1, 1939, exceeded the outstanding loan and accumulated carrying charges on that date," Secretary of Agriculture Henry A. Wallace said in a letter to Congressman John L. McMillan."

Also in Cotton Digest 12(19): 9. Feb. 10, 1940; Co-op. Farmer 18(6 i. e. 7): 8. Feb. 1940.

806. Transit cotton substitution. Traffic World 65(4): 215-216. Jan. 27, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

"A recommendation that the [Interstate commerce] Commission find justified what he calls a liberalization of the cotton substitution rule at transit points, has been made by Examiner Myron Witters in I. and S. No. 4646, substitution of cotton in southwest. The proposed rule in the transit cotton tariff which would authorize the substitution of truck, wagon, boat or barge cotton for uncompressed rail cotton, originating within 50 miles of the transit point, at points in the southwest, except at Louisiana and Texas ports...would be of material benefit to the shippers and producers of cotton and the cotton industry generally."

807. [U. S. Dept. of agriculture. Agricultural marketing service.] Ask more farmers use government's classing service. Radio talk discusses experience gained in classing for 900 groups. Cotton Trade Jour. 20(8): 1, 5. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.)
 72.8 C8214

Report of radio broadcast.

808. [U. S. Dept. of agriculture. Agricultural marketing service] Character standard studies being made. Cotton Digest 12(19): 5, 14. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

809. U. S. Dept. of agriculture. Agricultural marketing service] See hope for cotton character standards in current research. Cotton Trade Jour. 20(7): 2. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Report of a radio broadcast.

See also Items nos. 767, 791, 811, 886, 917, 923, 932.

Marketing Costs

810. L'assurance du coton contre les risques de guerre. Union des Agriculteurs d'Egypte Bul. 37(307): 598. Nov. 1939. (Published at 25, Rue Cheikh Abou El-Sebaa, Cairo, Egypt) 24 Un32
Insurance of cotton against war risks, [Egypt].

811. Buyers of loan cotton figuring storage charges. Cotton Trade Jour. 20(8): 3. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Items to be considered in figuring storage charges on loan cotton are noted.

812. U. S. Interstate commerce commission. Cotton rates to ports reduced. Traffic World 65(4): 203-205. Jan. 27, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672
"Truck competition in the hauling of cotton to Lake Charles, La., and Texas ports has constrained the Commission, on petition of the carriers, to permit them to reduce their rates, in No. 26235, cotton from and to points in the southwest and Memphis, Tenn."

See also Item no. 890.

Cooperation in Marketing

813. Allred, Charles E., and Raskopf, Benjamin D. Development of farmers' cooperatives in Tennessee. Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Monog. 99, 48pp., processed. Knoxville, 1939. 173.2 789Cc
Bibliography, pp. 47-48.
Cotton associations, pp. 11-12.

814. La cooperativa algodonera y la fabrica de algodon hidrofilo de Girardot. La Vida Rural 1(4): 28. Nov. 1939. (Published at Apartado 12-45, Bogota, Colombia) 9.4 V66

The cotton cooperative and the absorbent cotton factory at Girardot, [Colombia].

UTILIZATION

Fiber, Yarn and Fabric Quality

815. Ahmad, Nazir. Technological reports on standard Indian cottons, 1939. Indian Cent. Cotton Com. Tech. Lab. Tech. Bul. Ser. A, no. 49, 106pp. Bombay, 1939. 72.9 In2332A

816. Ahmad, Nazir. Technological reports on trade varieties of Indian cottons, 1939. Indian Cent. Cotton Com. Tech. Lab. Tech. Bul. Ser. A, no. 50, 109pp. Bombay, 1939. 72.9 In2332A

"A new feature of the Bulletin is the inclusion of a table at the end which shows the comparative results of the trade varieties and the corresponding Standard Cottons."

817. [British standards institution] British standard specification (A.R.P. series) for the obscuration value for textile material for curtains and method of testing. Textile Inst. Jour. 31(1): S6-S7. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

"This standard forms one of a series of specifications prepared by the B.S.I. at the request of the Air Raid Precautions Department of the Home Office."

818. [British standards institution] British standard specification for cotton duck (dyed) for cases and travelling bags for parachutes for aircraft purposes. Textile Inst. Jour. 31(1): S7-S9. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

819. [British standards institution] Third revised draft British standard specification for cheese cloth and butter muslin. Textile Inst. Jour. 31(1): S9-S12. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

820. [British standards institution. Textile divisional council] Standardisation in textiles. Report for year ending 31st December 1939. Textile Inst. Jour. 31(1): S1-S2. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

821. [British standards institution. Textile divisional council] Tentative textile standard no. 4, 1940. Atmospheric humidity and the moisture content and regain of textile materials. Textile Inst. Jour. 31(1): S3-S4. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

822. [British standards institution. Textile divisional council] Tentative textile standard no. 5, 1940. Determination of relative humidity. Textile Inst. Jour. 31(1): S5. Jan. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

823. Determining kinds of cotton fiber in fabrics. Amer. Wool and Cotton Rptr. 54(4): 46. Jan. 25, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
 "It is possible to tell by microscopic analysis how much card waste has been put back into process by the examination of the finished yarn; whether a yarn or fiber contained all American cotton or whether foreign-grown cottons have been mixed in." The method is not given.

824. The effect of the use of different nationalities of cotton in the manufacture of finished goods. Amer. Wool and Cotton Rptr. 54(4): 46. Jan. 25, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
 An example is noted of a mechanical fabric which could not be manufactured because a certain type of cotton was not available due to war.

825. Eichler, O. Untersuchungen über verbandwatte. Melland Textilberichte 20(6): 429-432. June 1939. (Published in Heidelberg, Germany) 304.8 T312
 Footnote references.
 To be continued.
 Study of surgical wadding.
 "The value of wetting agents is still a sub-

ject of discussion among manufacturers of surgical cotton, some of whom, as suggested by Kind, reject the addition of Turkey red oil and similar products to the kier boil. Bleaching is mostly carried out by the circulation of sodium hypochlorite (calcium hypochlorite is rarely used for the purpose), and the material is afterwards soured with sulphuric acid. The crunching handle is produced by treatment with a hot solution of soap and very dilute sulphuric acid; soaping is carried out in the bleaching tub, while souring is effected in washing hollanders simultaneously with the blueing. It is very important to ensure that the sulphuric acid solution is not rinsed out of the wadding, but is removed by treatment in a hydroextractor, being finally dried in stoves at 60 to 80° C. The material is then allowed to lie for some time so as to recover its normal moisture content and is afterwards carded to form laps. It will be understood that the material cannot have a neutral reaction and contain residual acid. The German Pharmacopoeia prescribes the permissible acid content. The actual cause of the crunching handle is still unknown. The article describes in detail the various methods of examination of surgical wadding. - C. - Textile Res. 10(3): 134-135. Jan. 1940.

826. Farr, T. K. Formation of cellulose particles. Paper Mill and Wood Pulp News 2(63): 15-16. Jan. 13, 1940. (Published by American Pulp and Paper Mill Superintendents Association, 1440 Broadway, New York, N. Y.) 302.8 P195
 "A very general statement of the findings presented at the recent Columbus, Ohio, Meeting of the American Association for the Advancement of Science."

827. Petherolf, M. W. Modern electrical apparatus for determining "new" material. Bedding Mfr. 38(1): 53-54. Feb. 1940. (Published by the Better Bedding Alliance of America, 608 S. Dearborn St., Chicago, Ill.) 309.8 B39
 "Cotton samples tested, have exhibited a pH range of from 4.4 to 7.21 showing a variation from a quite strongly acid to mildly alkaline character. Thus far, samples with a pH less than 6 have in addition exhibited the fluorescence common to that of secondhand cotton."

828. Gill, J. Edward. Analysis of frequency charts to determine quality and performance of textile fabrics. *Rayon Textile Monthly* 21(2): 111-113. Feb. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

To be continued.

"In this study, the tensile values of the different lots of Grade A airplane cloth are presented. The facilities of the Material Division concerned with the inspection of Grade A airplane cloth for Air Corps requirements involve a large number of tests and make it possible to analyze the results by plotting the failures against frequency of occurrence. Most laboratories are concerned with a smaller number of tests, but cover a wider variety of fabrics; however, provided, there are sufficient results obtained over a period of time, it would be possible to analyze the values in the manner discussed in this article."

829. Helliwell, E. H. How long is one-inch cotton? *Cotton [Atlanta]* 104(2): 106, 108, 110. Feb. 1940. (Published by T. R. C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.) 304.8 C823

The author discussed the relation between classified length and average length.

830. Huggins, Maurice L. The viscosity of dilute solutions of long-chain molecules. III. The Staudinger viscosity law. *Jour. Appl. Phys.* 10(10): 700-704. Oct. 1939. (Published at Prince and Lemon Sts., Lancaster, Pa.) 334.8 P563

Footnote references.

Presented at the Pittsburgh meeting of the Society of Rheology, December 28, 1938.

"In previous papers an equation was derived for the specific viscosity of a dilute solution of randomly-kinked chain molecules, which is, for long chains and small concentrations, of the same form as Staudinger's empirical law. The present paper deals with the validity of the assumptions involved in the derivation of this equation and its application to actual solutions. The effects considered are those due to restriction of rotation about the bonds in the chain and to the size and nature of the solvent molecules, of the repeating units in the chain, and of the end

groups. A formula for cellulose is written that expresses how the extended zig-zag chain may be stabilised by hydrogen bonding, whereas the chain in a cellulose ether tends to be much more kinked. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 19(23): 696. Dec. 15, 1939.

831. Krüger, D. Acetylierungsversuche an cellulose. Wochenschrift für Papierfabrikation 70(22): 474-478. June 3, 1939. (Published at Biberach a. d. Riss, Württemberg, Germany) 302.8 W81

Footnote references.

Acetylation of cellulose.

"The catalytic effect of perchloric acid in the acetylation of cellulose is reported. The effect is greatest with the purest material (e. g., standard cotton cellulose). Chlorides depressed the effect. K and Na perchlorates are not catalysts but Mg and Ca perchlorates are. Pre-treatment with dilute hydrochloric acid hastened acetylation. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 19(23): 664. Dec. 15, 1939.

832. Lachs, H., Kronman, J., and Wajs, J. Über die heterogenität verschiedener zellulosearten, II. Kolloid-Zeitschrift 84(2): 199-204. Aug. 1938. (Published at Residenzstrasse 32, Dresden-Bl, Germany) 384 Z315

Heterogeneity of various kinds of cellulose, II.

833. Saxl, Erwin J. Testing instruments increase your profits. Fibre and Fabric 93(2871): 9-14. Feb. 10, 1940. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.) 304.8 F44

Address before a meeting of the Master Dyers' and Finishers' Association, Boston, January 20, 1940.

Yarn and cloth testing instruments are described.

834. Schwarz, E. W. K. Important chemical developments in the textile industry. Amer. Dyestuff Repr. 29(1): 6-8, 19-21. Jan. 8, 1940. (Published by Howes Publishing Co., Inc., 440 Fourth Ave.,

New York, N. Y.) 306.8 Am3

Presented at meeting, American Association of Textile Technologists, December 6, 1939.

Properties of natural and artificial fibers are discussed.

Also in Textile Bul. 57(11): 12, 16-17. Feb. 1, 1940.

835. Scott, Donald C. The stiffness of yarns and twines. Some results of tests taken to ascertain the flexibility of yarns. Textile Recorder 57(682): 35-36. Jan. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

References, p. 36.

Abstract of a paper contributed for presentation at the annual meeting of the American Society of Mechanical Engineers, Philadelphia, Pa., December 4-8, 1939.

836. Woman reveals how cellulose particles form. Textile Bul. 57(11): 39. Feb. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

Report of address by Wanda K. Farr at meeting of American Association for the Advancement of Science at Columbus, O.

Also in Science News Letter 37(1): 7. Jan. 6, 1940.

See also Items nos. 756, 759, 780, 787, 808, 809, 843, 845, 863, 908, 912, 923, 925.

Technology of Manufacture

837. Chase, Winn W. The next decade in textiles.

How to make money make more money through technological advance. Textile World 90(2): 100-101. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315

838. [Dronsfield Bros. Ltd.] The needle-point grinding of cotton card clothing. Textile Recorder 57 (682): 38, 40. Jan. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

839. Howard and Bullough, ltd. Large laps for cotton carding. Indian Textile Jour. 50(590): 52. Nov. 15, 1939. (Published at Military Square, Fort, Pombay, India) 304.8 In2.

840. Improved hopper bale opener. Textile Recorder 57(682): 37. Jan. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

841. Pratt, Horace L. Cotton. Textile World 90(2): 83-84. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
 "In cotton manufacturing two trends have been evident during the last year--greater incentive to modernize cotton equipment, and installation of special machinery for producing spun-rayon yarns, and fabrics."

842. [Saco-Lowell shops] Air stripper for cotton cards. Textile World 90(2): 127. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315

843. Shapiro, Leonard. Nomograms for various plant and laboratory computations. Amer. Dyestuff Reprtr. 29(1): 14-18. Jan. 8, 1940. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 Am3
 The author gives nomograms for volume of cylindrical tanks, conversion of yards-per-pound to ounces-per-square-yard, correction of yarn or fabric strength to 7 1/2% regain, correction of fabric strength to 7 1/2% regain, interconversion of yarn numbers, conversion of yarn numbers to the denier system, and interconversion of density scales.

Technology of Consumption

844. Donovan, J. Davis. Progress in bedding law enforcement. Bedding Mfr. 38(1): 43-44, 46-48. Feb. 1940. (Published by the Better Bedding Alliance of America, 608 S. Dearborn St., Chicago, Ill.) 309.8 F39
 Definitions of such terms as "virgin staple cotton," "cotton by-products," and "felt," are included.

845. Evans, Mary, and McGowan, Ellen Beers. A guide to textiles. 233pp: New York, John Wiley & sons, inc., 1939. 304 Evl
Bibliography, pp. 228-229.

"Following the dictionary-like arrangement throughout, the authors of 'A guide to textiles' succinctly and swiftly set down nearly everything anyone outside the technical sphere needs to know about fabrics, their sources and their uses." - Daily News Rec. no. 257, p. 6. Nov. 2, 1939.

846. Everett, C. T. How to hold new cotton uses. Daily News Rec. no. 21; Sect. 2, p. 40. Jan. 25, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

847. Potgieter, A. A. Sheep-rugging benefits in the Free State. Bethlehem farmer's test and what it has proved so far. Farmer's Weekly 57: 1834-1835. Aug. 30, 1939. (Published at 42 East Burger St., Bloemfontein, South Africa) 24 F225

Experiences in South Africa with the use of rugs for protecting sheep are described. Use of a light duck is suggested.

848. Provide cotton mattresses for poorer families. Fifty pounds of lint and ten yards of ticking for each mattress. Cotton Trade Jour. 20(8): 8. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The program of the U. S. Department of Agriculture is explained.

Also in Cotton Digest 12(21): 3. Feb. 24, 1940.

849. [Rook, C. G.] Cotton burs a chemurgic product. Tex. Co-op. News 20(2): 11. Feb. 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

Ten products of cotton burs and stalks are listed.

850. Sandbags from cotton waste. Financ. News 7(50): 10. Dec. 23, 1939. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496
"A new type of sandbag in 'Imitation Hessian',

manufactured from raw cotton waste has been placed on the market by a Bombay cotton mill... When the price of jute reaches Rs. 80 or Rs. 90 the manufacture of cotton hessian from waste, it is claimed, becomes a commercial proposition."

851. Schoffelmayer, Victor. Make cotton mattresses-- and Texas does it. Amer. Cotton Grower 5(9): 12-13. Feb. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
The Texas campaign to increase the consumption of cotton is described.

852. Shiller, Ivan. Use cotton fabrics for interior decoration of homes, urges Texan. Cotton Trade Jour. 20(6): 1, 7. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

See also Items nos. 756, 817, 818, 819, 820, 825, 906, 928, 932, 933.

COTTONSEED AND COTTONSEED PRODUCTS

853. Ackerson, C. W., Blish, M. J., and Mussehl, F. E. The utilization of food elements by growing chicks. V. A comparison of cottonseed meal and linseed oil meal as portions of the protein concentrate. Nebr. Agr. Expt. Sta. Res. Bul. 100, 8pp. Lincoln, 1938.
Literature cited, p. 8.

854. Alchemy important in development of new uses for cottonseed oil. Delta Council News 1(6): 1. Feb. 21, 1940. (Published by Delta Council, Stoneville, Miss.)

855. Bauman, M. R. Refining of cottonseed oil; Masloboino Zhirovoe Delo 14(4): 7-8. July-Aug. 1938. (Published in Moskva, U. S. S. R.) Libr. Cong. TPl.M3
In Russian.
"A discussion based on American practice and tentative exptl. evidence in refining cottonseed oil by freezing and using the solid fraction in soap making. - Chas. Blanc." - Chem. Abs. 33(2): 889. Jan. 20, 1939.

856. Chernukhin, A. [Solubility of cottonseed fat mixtures in dichloroethane.] *Masloboino Zhirsovoe Delo* 14(6): 27-28. Nov.-Dec. 1938. (Published in Moskva, U. S. S. R.) Libr. Cong. TPl.M3

In Russian.

"The solubilities of hydrogenated cottonseed fat mixts. in com. dichloroethane, b. 74-100°, at 20° are: (edible) m.33°, 61.76, m.41°, 49.2 (for soap making) m.49°, 30.39 and m.69°; 4.44%. At 70° the fat mixts. are miscible with the solvent in all proportions. - C. B." - *Chem. Abs.* 33(14): 5687. July 20, 1939.

857. Coffey, C. A., and Spannuth, H. T. Dilatometer measurement method as a useful tool in fat study. *Oil and Soap* 17(2): 41-42. Feb. 1940. (Published by Gillette Publishing Co., 400 West Madison St., Chicago, Ill.) 307.8 J82

Tables give measurements for cottonseed and other oils.

858. Crain, J. L. A report on the questionnaire submitted to the tri-states oil mill superintendents at their December meeting in Memphis. *Oil Mill Gazetteer* 44(8): 19-20. Feb. 1940. (Published in Wharton, Tex.) 307.8 Oi53

"In summing up these replies and taking the averages of those received, it would appear that the average superintendent in this territory would use a humidifier to improve his separation whenever the moisture in seed was below 10 per cent. He would also humidify the meats before rolling and would attempt to roll them to an average thickness of .0075." When the seed were dry as this season, he would add moisture ahead of the rolls, after the rolls, and again in the first kettle, with more in the second kettle if necessary. He would use live steam in moderation and would attempt to get the lowest possible refining loss without affecting his extraction too much. He would let the weight of his cake be governed by his tonnage requirements, and he would use from 40 to 45 minutes drainage. He would not filter his crude oil, but he would allow it to settle at least five or six days before shipping."

859. Foster, J. E., and Hostetler, Earl H. Comparison of protein supplements for fattening pigs. N. C. Agr. Expt. Sta. Tech. Bul. 56, 84pp. Raleigh, 1938.

"This bulletin is based upon a thesis presented by J. E. Foster in August, 1937 to the Faculty of the Graduate School of Cornell University in partial fulfillment of the requirements for the degree of Doctor of Philosophy."

"In this comparison of protein supplements special study was given to the proportion of cottonseed meal that could be used satisfactorily in the protein supplemental mixtures."

860. Gavrilenko, I. V. [Forepressing and extraction of cottonseed oil.] Masloboino Zhirovoe Delo 14(6): 5-9. Nov.-Dec. 1938. Published in Moskva, U. S. S. R.) Libr. Cong. TPl.M3
In Russian.

"The advantages and disadvantages of disintegration of crushed seeds preliminary to roasting, pressing (forepan oil) and extr. of press cake are discussed. Some improvements are tentatively suggested. - Chas. Blanc." - Chem. Abs. 33(14): 5688. July 20, 1939.

861. Goldovskii, A. M., and Podol'skaia, M. Z. [Changes of gossypol in the process of cottonseed-oil extraction.] Masloboino Zhirovoe Delo 14(5): 9-12. Sept.-Oct. 1938. (Published in Moskva, U. S. S. R.) Libr. Cong. TPl.M3
In Russian.

"Approx. 10-15% of gossypol contained in the fresh cottonseed meal is dissolved in the process of extr. with benzine. The ext. of normal seeds contained 0.32-0.43% gossypol and that of bollie seeds 0.09-0.1% (based on the oil content in the ext.)... - Chas. Blanc." - Chem. Abs. 33(14): 5688. July 20, 1939.

862. Meloy, G. S. Utilization of the standard grades for cotton linters. Bedding Mfr. 38(1): 48-51. Feb. 1940. (Published by the Better Bedding Alliance of America, 600 S. Dearborn St., Chicago, Ill.) 309.8 B39

Address before the convention of the National Association of Bedding Manufacturers, Chicago, Illinois, December 14, 1939.

863. Nichols, Herbert B. Cellulose. Christian Sci. Monitor Weekly Mag. Sect. Jan. 27, 1940, pp. 8-9. (Published by Christian Science Publishing Society, Boston, Mass.)

Uses of cellulose from wood pulp and linters are given.

864. Ousley, Clarence. Cotton products for blue stamps. Cotton and Cotton Oil Press 41(3): 16. Feb. 3, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Editorial urging that vegetable oil shortening (the equivalent of lard) and margarine (the equivalent of butter) should be included in the list of products available under the government's blue stamp plan.

865. Producción de aceites vegetales en el país durante el año 1938. Gaceta Algodonera 16(190): 27. Nov. 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Production of vegetable oils in the country during the year 1938.

Includes cottonseed oil.

866. Skinner, J. H., and King, F. G. Cattle feeding, 1937-1938. Ind. Agr. Expt. Sta. Bul. 433, 12pp. Lafayette, 1938.

Partial contents: Part I--The value of cottonseed meal in a ration of shelled corn, corn silage, and oat straw; pp. 4-5; Part III--Mixed protein supplements compared to cottonseed meal, pp. 8-10.

867. Tobler, L. A. [The presence of resins in the kernel of cotton seeds.] Masloboino Zhirovoye Delo 14(6): 13. Nov.-Dec. 1938. (Published in Moskva, U. S. S. R.) Libr. Cong. TPl.M3

In Russian.

"No saponifiable resins could be detected in the kernel of normal cotton seeds. The resinous acids, isolated by the Wolf esterification method, are traced to the decompn. products of gossypol. - Chas. Blanc." - Chem. Abs. 33(14): 5680-5689. July 20, 1939.

868. U. S. Dept. of agriculture. Agricultural marketing service. Crushers' buying of seed on grade is called helpful. Oil mill prices are reflected

in wagon prices paid farmer, claim. Cotton Trade Jour. 20(8): 1, 5. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Report of radio broadcast.

869. U. S. Dept. of agriculture. Office of foreign agricultural relations. Vegetable oilseed exports from China decline. U. S. Dept. Agr. Off. Foreign Agr. Relations. Foreign Crops and Markets 40(5): 114-119. Feb. 3, 1940. (Published in Washington, D. C.) 1.9 St2F

Includes cottonseed.

See also Items nos. 668, 674, 675, 795, 878, 880, 906, 934, 935.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

870. Action on Fulmer net weight bill is sought in Senate. Smith cast for role of villain, Bilbo wants action. Cotton Trade Jour. 20(5): 1, 8. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The Fulmer Bill is designed to remove the gross-weight trade practice under which jute bagging has an advantage not based upon its cost as compared with cost of cotton bagging."

871. Andrews, Stanley. Gentlemen--presenting the certificate plan. Amer. Cotton Grower 5(9): 10. Feb. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

The proposed certificate plan is described.

872. Certificate plan most vicious of proposed farm aids. Cotton Digest 12(19): 8. Feb. 10, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Editorial.

873. Cotton export trade. Prospective legislation. Gt. Brit. Bd. Trade Jour. 143(2247): 834. Dec. 28, 1939. (Published by H. M. Stationery Office, York House, Kingsway, London, W. C. 2, England) 256.03 T67J

"Correspondence between the President of

the Board of Trade and Sir Percy Ashley, the Chairman of the Cotton Board...on the Cotton Board's proposals regarding cotton yarn prices and regarding a levy on raw cotton."

874. Cut efficiency, aid workers, producer says. Successful, large-scale cotton farmer says too hot a pace in competition merely swells relief rolls. Seeks farm aid plan with domestic price-fixing feature and flexible subsidy to pay difference on exports. Cotton Trade Jour. 20(5): 1, 6. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

875. Domestic allotment plan support is asked by Galveston wharf co. Cotton Trade Jour. 20(8): 6. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

876. Hamilton Fish hits at Roosevelt cotton policy, would aid South. Calls Administration foreign policy "kiss of death" to cotton farmers. Cotton Trade Jour. 20(8): 1, 7. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

877. McDonald [J. E.] in letter to Fish hits AAA, welcomes GOP aid. Texas commissioner of agriculture speaks for domestic-allotment plan. Cotton Trade Jour. 20(8): 1, 7. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

878. [Mississippi farm federation] Federation wants Mississippi margarine law repealed. Cotton and Cotton Oil Press 41(3): 18. Feb. 3, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

879. Murchison [Claudius T.] describes processing tax as 12 pct. consumer levy. Textile institute chief says it would pyramid to \$25 per bale. Cotton Trade Jour. 20(8): 1, 4. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(21): 4. Feb. 24, 1940.

880. Ousley, Clarence. Anti-margarine phobia. Cotton and Cotton Oil Press 41(4): 14. Feb. 17, 1940. (Published at 3116-18 Commerce St., Dallas,

Tex.) 304.8 C822

Editorial on legislation taxing margarine.

881. Parity certificate plan just old processing tax camouflaged. Com. & Financ. Chron. 150(3894): 894-895, 900. Feb. 10, 1940. (Published by William B. Dana Co., 25 Spruce St., New York, N. Y.) 286.8 C73
 Editorial on the certificate plan proposed by the government to aid cotton.

882. Tomlinson, G. Government assistance for cotton industry vital to British economic life. Textile Weekly 25(622): 123-124. Feb. 2, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
 Address to the British Association of Managers of Textile Works, January 13, 1940.

883. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Egypt. Raw cotton--export tax reimposed effective August 15, 1940. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 8, p. 190. Feb. 24, 1940. (Published in Washington, D. C.) 157 C76D

884. Wallace's plan not favored. Cotton [Atlanta] 104(2): 118. Feb. 1940. (Published by W. R. C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.) 304.8 C823
 The Income Certificate Plan is commented upon.

885. Who'll bear burden of processing tax? Donald Comer asks. Believe it might result simply in shrunken price for raw cotton. Cotton Trade Jour. 20(8): 1, 8. Feb. 24, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

See also Items nos. 917, 927, 930, 932.

Regulation

886. Comissão reguladora do comércio de algodão em rama. Boletim dos organismos Corporativos e de Coordenação Económica de Comércio e da Indústria 2(3): 493-505. June 1939. (Published at Rua do Salitre, 151 a 155, Lisbon,

Portugal)

Commission to regulate the trade in raw cotton.

A report, covering the period May 1938 to May 1939, on the work of the Regulatory Commission of Trade in Raw Cotton. Two orders were issued, the first of which created a Junta of Colonial Cotton Exportation (Junta de Exportação do Algodão Colonial) with a seat at Lisbon and representatives at Mozambique and Angola, whose duties are to encourage production and improve the quality of cotton, regulate the trade of the colonies, control this trade, issue certificates of quantity and quality, and gather in the chief city cotton which has not been freely negotiated. The second order relates to the regulation of the colonial cotton trade and the establishment of rules defining the new regime of cotton protection and development. Other measures include the establishment of standards for Portuguese colonial cotton; efforts to regulate imports of foreign cotton according to colonial production and its consumption by the State so as to secure the normal activity of the factories; bounties and obligatory distributions; and technical services.

887. Control of Egyptian-type yarns. How the cotton order affects the finer counts. Textile Weekly 25(620): 64, 67. Jan. 19, 1940. (Published at 49, Deansgate, Manchester, 3, England)
304.8 T3127

888. 'Cotton stamps': how plan works. U. S. News 8(5): 15. Feb. 2, 1940. (Published at 2201 M. St., N. W., Washington, D. C.) 280.8 Un33A

The plan to issue "stamps which could be exchanged for cotton goods at local dry goods stores", proposed by the U. S. Department of Agriculture, is outlined.

889. Fight discrimination in acreage allotments. Cotton Digest 12(20): 5. Feb. 17, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C622

Objections from Texas to the allotments are noted.

890. Freight rate reduction efforts of cotton co-ops beneficial to all cotton growers of the state. Tex. Co-op. News 20(2): 9. Feb. 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
 "Recently the Interstate Commerce Commission gave approval to the reduction in rates from one cent to four cents per 100 pounds within 240 miles of Houston."

891. Gt. Brit. Minister of supply. Cotton yarn prices. Considerable reductions in the spinners' margins under the new order. Textile Recorder 57(622): 13. Jan. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
 "The scheme fixing the prices of single cotton yarns...in the Control of Cotton (No. 2) Order on January 3" is summarized.

892. Serán pasibles de penalidades los que cultiven algodón de tronco. Provención de la Seccional sanitaria algodonera del Chaco. Gaceta Algodonera 16(190): 25. Nov. 30, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
 Those who cultivate ratoon cotton will be penalized. Warning of the Seccional Sanitaria Algodonera del Chaco.

893. Texas and Oklahoma cut again. Cotton Ginner's Jour. 11(5): 14. Feb. 1940. (Published by Texas Cotton Ginner's Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
 Table gives cotton acreage allotments by states for 1939 and 1940.

894. Texas congressmen hear protests on cotton acreage cut. East Texas Chamber of commerce makes plea for Lone star farmers. Cotton Trade Jour. 20(8): 6. Feb. 24, 1940. (Published at 310 Union St., New Orleans, La.) 72.8 C8214

895. Texas cotton penalty. Cotton Digest 12(18): 10. Feb. 3, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 From Dallas News.
 "Widespread dissatisfaction over the AAA's announced drastic reduction in the Texas cotton acreage for 1940 under last season's is evidenced in protest meetings in Dallas and other cities."

896. U. S. Dept. of agriculture. Agricultural adjustment administration. Part 741--1940 parity payment regulations. Supplement no. 1. Fed. Register 5(31): 665. Feb. 14, 1940. (Published by National Archives, Washington, D. C.) 169 F31
Includes rate of payment on cotton, 1940.

897. U. S. Dept. of agriculture. Office of foreign agricultural relations. Wartime commodity control measures. Cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(8): 214-215. Feb. 24, 1940. (Published in Washington, D. C.) 1.9 St2F
Supplemental measures in the United Kingdom are noted.

898. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Italy. Cotton--imports to be more freely permitted. U. S. Bur. Foreign and Dom. Com. Com. Rpts. no. 5, p. 109. Feb. 3, 1940. (Published in Washington, D. C.) 157 C76D

899. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. Switzerland. Raw textile materials--import permits issued only to members of war economy syndicate. U. S. Bur. Foreign and Dom. Com. Com. Rpts. no. 5, p. 110. Feb. 3, 1940. (Published in Washington, D. C.) 157 C76D

900. U. S. Federal surplus commodities corporation. Proposed plan for distributing surplus cotton to needy persons through normal wholesale and retail channels of trade. 1939. 9pp.
1.954 P94
The "cotton stamp plan" is described.

901. Yarn price-fixing steadyng British yarn, cloth export. Cotton Trade Jour. 20(5): 6. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

See also Items nos. 873, 917.

Adjudication

902. U. S. Dept. of agriculture. Agricultural adjustment administration. Court decisions obtained against violators of cotton and tobacco marketing quota provisions. U. S. Dept. Agr. Agr. Adjustment Admin. SR Committeeman Letter no. 317, 1p., processed. Washington, 1939.

The case of Tropp v. LaSara Farmers Gin Co. and Guerra Gin Co., regarding penalties collected on cotton sold in excess of the plaintiff's marketing quotas, is noted.

MISCELLANEOUS--GENERAL

903. American association of textile chemists and colorists. 1939 year book...volume XVI. 740pp. New York, Howes Publishing co., inc., 1939. 306.9 Am32

904. American wool and cotton reporter. Official statistics of textile corporations. Amer. Wool and Cotton Rptr. 54(3, Sect. 2): 1-431. Jan. 18, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.). 304.8 W88

905. Baker, Harry S. Cotton has its troubles. California 29(11): 18-19. Nov. 1939. (Published by California State Chamber of Commerce, 350 Bush St., San Francisco, Calif.)
Brief history of cotton production in California.

906. Bass reports on cotton research work for unit of cotton council. Official of Mellon institute of industrial research tells of work. Cotton Trade Jour. 20(6): 1, 7. Feb. 10, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
"Report of activities of the Cotton Research Foundation, new uses division of the National Cotton Council, toward discovering new uses for cotton and cottonseed was submitted today by Dr. L. W. Bass, assistant director of the Mellon Institute of Industrial Research, for presentation to the Council's committee on scientific research at the annual convention at New Orleans next week."

907. Burma. Department of agriculture. Report of the agricultural stations for the year ended the 31st March 1939. 239pp. Rangoon, Supt. Govt. printing and stationery, 1939. 22 B92An
Partial contents: Report on the Mahlaing agricultural station for the year ended the 31st March 1939, pp. 189-212. Cotton experiments are reported.

908. Callaway, Fuller E., Jr. The next decade in textiles. How to make money make more money through research. Textile World 90(2): 98-99. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315

909. Campbell, Ivan J. Cotton council enters its second year with great enthusiasm. Cotton and Cotton Oil Press 41(4): 5-6. Feb. 17, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Report of the second annual convention of the National Cotton Council of America in New Orleans, Feb. 14-15, 1940.

910. Davis, Charles S. The cotton kingdom in Alabama. 233pp. Montgomery, Alabama State department of archives and history, 1939. 281.372 D29
Bibliography, pp. 201-225.
The author's "purpose in this study is to describe the principal phases of plantation management, as well as the commercial and financial aspects of cotton planting in Alabama to the outbreak of the Civil War."

911. Duggan's statement misleading. Farm and Ranch 59 (2): 3. Feb. 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Editorial on an address by I. W. Duggan entitled "Cotton, Land and People: A Statement of the Problem."

912. Egyptian cotton year book for 1938-1939. 165pp. [Alexandria, 1939] 281.3729 Eg93
Partial contents: Review of 1938-39 cotton season, by C. R. Barber, pp. 13-24; Egyptian cotton varieties, by C. H. Brown, pp. 45-49; Spinning test report on the Egyptian cotton crop of 1938, by H. A. Hancock, pp. 53-54. Also contains statistics of acreage, production, consumption, prices, etc.

913. Feiker, Frederick M. The next decade in textiles. How to make money make more money through education. *Textile World* 90(2): 108-109. Feb. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.) 304.8 T315

914. Funchess, M. J. Agronomic problems of the South. *Amer. Soc. Agron. Jour.* 32(2): 96-106. Feb. 1940. (Published in Geneva, N. Y.) 4 Am34P Address at meeting of American Society of Agronomy, New Orleans, La., November 23, 1939. The cotton situation in the South is discussed.

915. [Gt. Brit. Spindles board] The Spindles board's third year. Total of 6,174,000 spindles acquired. *Textile Weekly* 25(623): 152. Feb. 9, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127 Summary of its annual report.

916. La guerre et le coton. *Union des Agriculteurs d'Egypte Bul.* 37(307): 597-598. Nov. 1939. (Published at 25, Rue Cheikh Abou El-Sebaa, Cairo, Egypt) 24 Un32 War and cotton. Effects of the war on the cotton industry in the United States are given.

917. India. Bombay. Department of agriculture. Annual report...1937-38. 339pp. Bombay, Govt. central press, 1939. 22 B63A Partial contents: Cotton, pp. 15-18, 66-69, 189; Cottonseed supply, pp. 26-28; Cotton marketing, p. 40; Supply of seeds of improved varieties of cotton, pp. 71-75; Regulated cotton markets, pp. 90-91; Banilla cotton scheme, pp. 115-116; Introduction of Banilla and Jaynwant cotton, pp. 124-125; Research and experiments on cotton, pp. 146-148; Grading and auction sales, p. 153; Working of the Cotton Transport Act, pp. 153-154; Working of the Cotton Market Act, p. 154; Cotton breeding work, pp. 162, 172-175, 176-177; Seed multiplication, p. 178; Manurial and spacing experiments, pp. 179-181; Cotton bollworm control, p. 190; Cottonseed multiplication and distribution, p. 191; Bollworm control scheme, p. 193.

918. Industrial textiles directory, 1940 edition.
 Daily News Rec. no. 21, Sect. 2, pp. 43-55.
 Jan. 25, 1940. (Published at 8 East 13th St.,
 New York, N. Y.) 286.8 N48
 Extracts from the directory sponsored by
 the Textile Division of the National Associa-
 tion of Purchasing Agents.

919. Johnston [Oscar] address is high point in cotton
 gathering. Says exploration work has shown way
 to effective spending of \$500,000. Cotton
 Trade Jour. 20(7): 1, 8. Feb. 17, 1940.
 (Published at 810 Union St., New Orleans, La.)
 72.8 C8214
 Address at meeting of National Cotton Council
 February 14, 1940.
 Also in Cotton Digest 12(20): 5, 12-13.
 Feb. 17, 1940.

920. Lima, Peru. Ministerio de fomento. Dirección de
 agricultura y ganadería. Memoria de la estacion
 experimental agricola de La Molina correspondi-
 ente al año 1938. Lima, Estacion Experimental
 Agricola de La Molina, Instituto de Altos Estud-
 ios Agricolas del Peru, Memoria 11a, 363pp.
 Lima, 1939. 102.5 L622M
 Memoirs of the agricultural experiment station
 of Molina for the year 1938.
 Partial contents: Memoria de la sección
 algodón y trigos (Memoirs of the cotton and wheat
 section), by E. L. de Romaña, pp. 29-99; Insectos
 del algodonero (cotton insects), pp. 211-216,
 225-231; Memoria de sección genética de algodón
 (Memoirs of the cotton genetics section), by
 Teodoro Boza Barducci, pp. 285-321.

921. Malott, Dean Waldo, and Martin, Boyce F. The
 agricultural industries. Ed. 1. 483pp. New
 York and London, McGraw-Hill book co., inc.,
 1939. 281.12 M29
 Bibliography, pp. 463-476.
 The cotton and cotton-textile industry,
 pp. 129-205.
 "It is the aim of the writers to present in
 brief compass the historical development, statis-
 tical position, technical processes, handling
 methods and relations to government necessary to
 an analysis and understanding of the problems
 faced by the executives in these industries."

922. [Marvin, Donald M.] Outlines services to help cotton. Cotton Digest 12(20): 3. Feb. 17, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Suggestions for improving the situation in the cotton industry are noted.

923. Meal, F. G. The Agricultural marketing service and southern agriculture. 14pp., processed. [Washington] U. S. Dept. of agriculture, Agricultural marketing service, 1940.

Address, annual meeting, Association of Southern Agricultural Workers, Birmingham, Ala.; February 9, 1940.

Cotton market news, research, and classing work of the Agricultural Marketing Service are noted.

924. Mississippi. Agricultural experiment station. Highlights of the work of the Mississippi experiment station. Fifty-second annual report of the director...for the fiscal year ending June 30, 1939. 42pp. [State College, 1939]

Partial contents: Cotton varieties, pp. 6-7; Dairy-and-cotton farming, development and value of pastures, concern dairy department, pp. 19-20; Pathological research shows increased yields of cotton because of treatment with ceresan, p. 22; Later than customary poisoning of boll weevils indicated as profitable in cotton production, pp. 22-23; Cotton varieties and fertilization, p. 33; Barnyard fertilizer for cotton, p. 34; Raymond branch station--cotton varieties, winter legumes with cotton, p. 37.

925. National cotton council meet maps work for year, defeats move for net-weight trading. Newly elected Board of directors to work out budgetary matters in March session at Memphis, \$500,000 sought. 9 resolutions passed. Cotton Trade Jour. 20(7): 1, 7. Feb. 17, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The resolutions related to trade barriers, production efficiency, scientific research, foreign trade, trade agreements, ocean freight and net weight trading.

926. National cotton council of America. First annual report of activities. 19pp. [Dallas] 1940.

927. Parker, Walter. Parity payments on cotton. Cotton Digest 12(21): 5. Feb. 24, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 The author raises the question of what really constitutes parity income between the several groups which make up the economic life of the United States.

928. Reich, Edward, and Siegler, Carlton John. Consumer goods, how to know and use them. 526pp. New York, American book co., [1937]
 Cotton, the versatile fiber, pp. 37-59.
 Interesting readings on cotton, p. 59.

929. The sea island cotton industry. Trop. Agr. [Trinidad] 17(2): 37-38. Feb. 1940. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, B. W. I.) 26 T754
 "The fourth ordinary general meeting of the West Indian Sea Island Cotton Association (Incorporated) was held in Antigua in November, 1939." The meeting is briefly reported. Table shows production recommended for 1940. Pest control recommendations are summarized.

930. Texans to contest acreage allotment, form organization. Cotton Trade Jour. 20(5): 7. Feb. 3, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 Texas cotton men at a meeting in Dallas, January 27, 1940, "formed a temporary organization to be known as the Texas Council on Agricultural Allotments."

931. Toit, F. M. du. Cotton culture in South Africa. Farming in South Africa 15(166): 4, 33. Jan. 1940. (Published by Department of Agriculture and Forestry, Pretoria, Union of South Africa) 24 S8342
 Production, cultivation, harvesting and prices in South Africa are described.

932. U. S. Congress. House. Committee on appropriations. Agricultural department appropriation bill for 1941. Hearings before the subcommittee... Seventy-sixth congress third session. 1593pp. Washington, U. S. Govt. print. off., 1940. 1 Ag81Hes
 Partial contents: Progress of work under increased cotton domestic consumption and cotton

export subsidy programs, pp. 6-13; Reason for delay of loans on cotton, pp. 22-23; Policy in connection with decrease in acreage for cotton, p. 23; Effect of renunciation of trade treaty with Japan on cotton, pp. 28-29; Cotton and other fiber crops and diseases, pp. 331-336; Work at Stoneville, Miss., cotton-ginning laboratory, pp. 509-511; Regional research laboratories, pp. 518-558, 1427-1428; Cotton insects, pp. 600-609; Cotton quality statistics and classing acts, pp. 708-709; United States cotton futures and United States cotton standards acts, pp. 709-711; Progress of studies of cotton hosiery, and so forth, pp. 734-739; Enforcement of the Commodity exchange act, pp. 740-741; Adjustments in freight rates for farm products, pp. 795-798; Amount of loans and bales of cotton held or owned, pp. 819-829; Use of [stamp] plan for purchase of cotton goods, pp. 844-845; Progress made of furnishing cotton products to low-income families, pp. 865-867; Explanation of cotton export program, pp. 867-869; Expenditures for cotton articles by nonrelief families, pp. 869-870; Purchase of cotton by other nations, pp. 873-874; Status of production and exportation of cotton in various countries, pp. 888-889; Federal crop insurance--Extension of program to cotton, p. 891; Benefit payments, pp. 896-897; Reason for reduction in payment for cotton, pp. 897-898; Agricultural adjustment administration--Cotton ginner's record and report, pp. 1239-1248; Payments on cotton contracts, pp. 1426-1427; Pink bollworm, pp. 1434-1440.

933. U. S. Dept. of agriculture. Report of the associate administrator of the Agricultural adjustment administration, in charge of the Division of marketing and marketing agreements, and the president of the Federal surplus commodities corporation, 1939. 67pp. Washington, U. S. Govt. print. off., 1939.

Partial contents: The diversion programs--wider uses for cotton, pp. 65-66.

934. U. S. Dept. of agriculture. Bureau of agricultural chemistry and engineering. Report of the chief ...1939. 98pp. Washington, 1939.

Partial contents: Allergen investigations--Fractionation of allergenic proteins of cotton-

seed, pp. 27-28; Chemical and clinical examination of refined cottonseed oil, p. 29; Anaphylactic sensitization of guinea pigs to extracts from aged cotton linters, pp. 29-30; Antigenic properties of allergenic components of cottonseed, pp. 30-31; Research in mechanical processing of farm products--cotton ginning, pp. 83-85; High-density packing of cotton at gins, pp. 85-86; Regional research laboratories, p. 90.

935. U. S. Dept. of agriculture. Bureau of agricultural economics. Statistics on cotton and related data, prepared under the direction of Maurice R. Cooper. 120pp., processed. Washington, 1939.
Partial contents: Explanation of terms commonly used, pp. III-IV; Conversion factors, pp. V-VI; Statistics:--Cotton, pp. 1-105; Cotton textiles and manufacturing, pp. 106-111; Cottonseed and cottonseed products, pp. 112-115.

936. U. S. Dept. of agriculture. Bureau of plant industry. Report of the chief...1939. 53pp. Washington, U. S. Govt. print. off., 1939.
1 P69
Partial contents: Wide adaptability of acala cotton, p. 7; Root rot resistance associated with chemical composition, p. 7; Inheritance of fuzz and lint characters, p. 7; Sea-island cotton interest reviving, p. 8; Standardized production [one-variety communities] improves quality and increases price, pp. 8-9; Relation of soil-fertility factors to cotton root rot, p. 26.

00000